Fig1 A laser welding process

1. Laser Beam

2. Transparent Part

3. Opaque Part

4. Surface

Fig 2 A test specimen

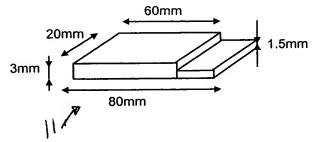
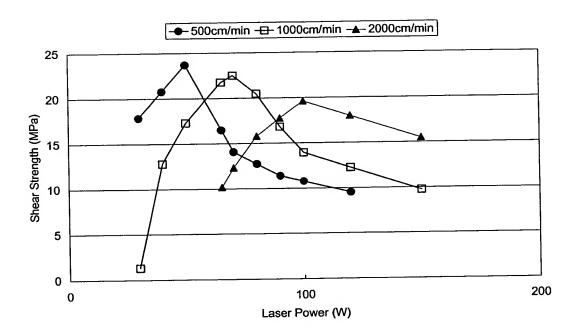


Figure 3 Behavior of laser welding strength, plotted against laser power

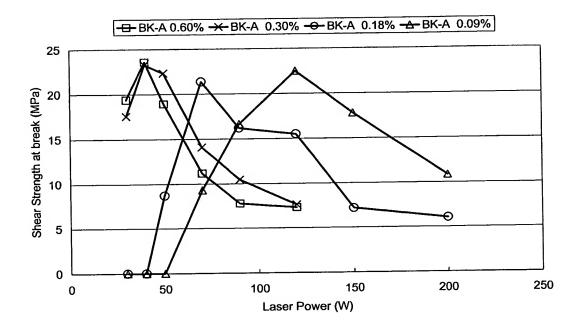


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Figure 4 Behavior of laser welding strength, plotted against laser power



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Figure 5 dynamics of laser welding strength correlates with conditions of laser welding

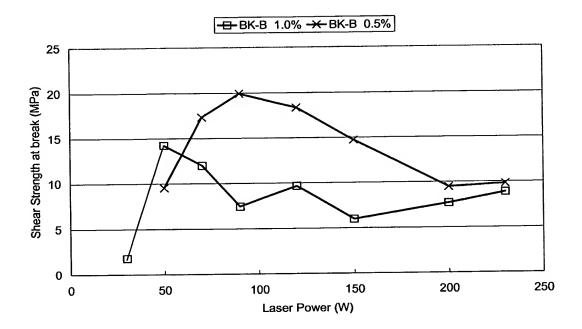
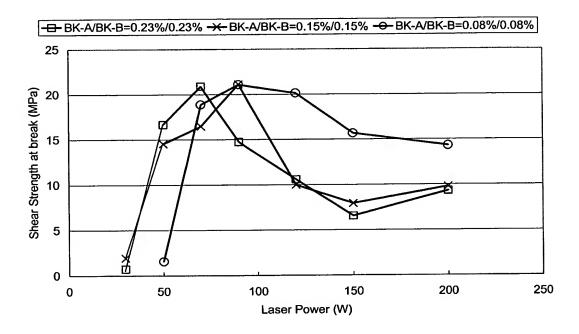
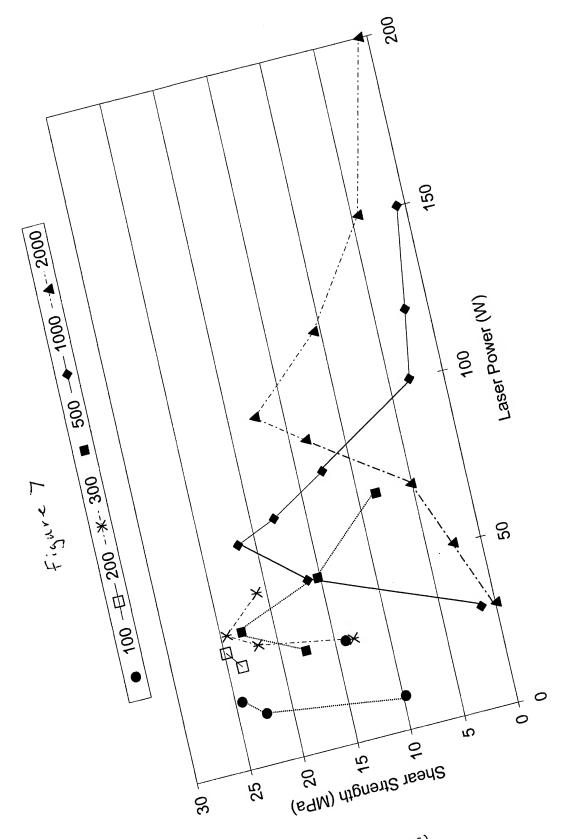


Figure 6 Behavior of laser welding strength, plotted against laser power



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Arne R. Jarnholm Arne R. Jarnholm